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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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SECURITY INFORMATION

25X1

COUNTRY	USSR (Latvian SSR)	REPORT	
SUBJECT	Sarkanais Metalurgs Factory at Lepaya	DATE DISTR.	11 December 1953
		NO. OF PAGES	8
DATE OF INFO.		REQUIREMENT NO.	RD
PLACE ACQUIRED		REFERENCES	25X1

This is UNEVALUATED Information

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1

1. The Sarkanais Metalurgs (Red Metallurgical) Factory is located at Brivibas iela 96, Lepaya. There is no factory number. The factory belongs to the Latvian Ministry of Local Industry; but the shops containing the two Siemens Martin furnaces, the rod extruding shop, and the rolling mill belong to a ministry in Moscow, believed to be the Ministry for Ferrous Metallurgy.

2. The factory employs approximately 1,800 people. The following sections work three shifts; the Martin furnaces, 150 men per shift; the rod extruding shop and the rolling mill, 200 men per shift; the tin shop; the nail shop, 25 men per shift; and the wire-drawing shop, 30 men per shift. The rest of the factory works in one shift.

3. Metal ingots ready for shaping, pig iron for the Martin furnaces, and fire bricks are shipped from the USSR. Scrap iron and lime are obtained in Latvia, as is dolomite for the Martin furnaces, which comes from the Daugava River. Coal comes from Poland.

4. There is a shortage of pig iron, which does not always arrive in time and which the factory tries to supplement with anthracite. There has been a marked shortage of scrap iron since a few years after the war; now as soon as scrap iron arrives it is put into the furnaces. There is an extreme shortage of tin for soldering and bearings. The factory keeps its stocks of Babbitt and tin hidden from Ministry inspectors; otherwise stocks are taken away to Moscow and the factory is left with an insufficient quantity. The management considers the tin shortage nearly catastrophic. Electricians use a mixture of lead and cadmium for soldering. Grindstones, polishing stones, underground electrical cables, and batteries for trucks are also in short supply.

5. The factory produces the following:

   a. Tin (not galvanized)

STATE	x	ARMY	x	NAVY	x	AIR	x	FBI		AEC					

(Note: Washington Distribution Indicated By "X"; Field Distribution By Separate Memo)

25 YEAR RE-REVIEW

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b. Metal rods: Approximately 450 metal ingots each weighing about 100 kgs are being processed per shift. The smallest diameter of rods produced is 5.5 mm.

c. Rolling-mill, rolled steel sections: 30-35 tons per shift.

d. Wires from the finest to 5.0 mm: quantity unknown.

e. Nails: approximately 25 tons per shift.

f. Dog and cattle chains: approximately ten tons per shift

g. Agricultural forks, spades, rakes, and anvils

h. Various files: quantity unknown, but ten men are working in this shop.

It is believed that most of the finished products go to the USSR.

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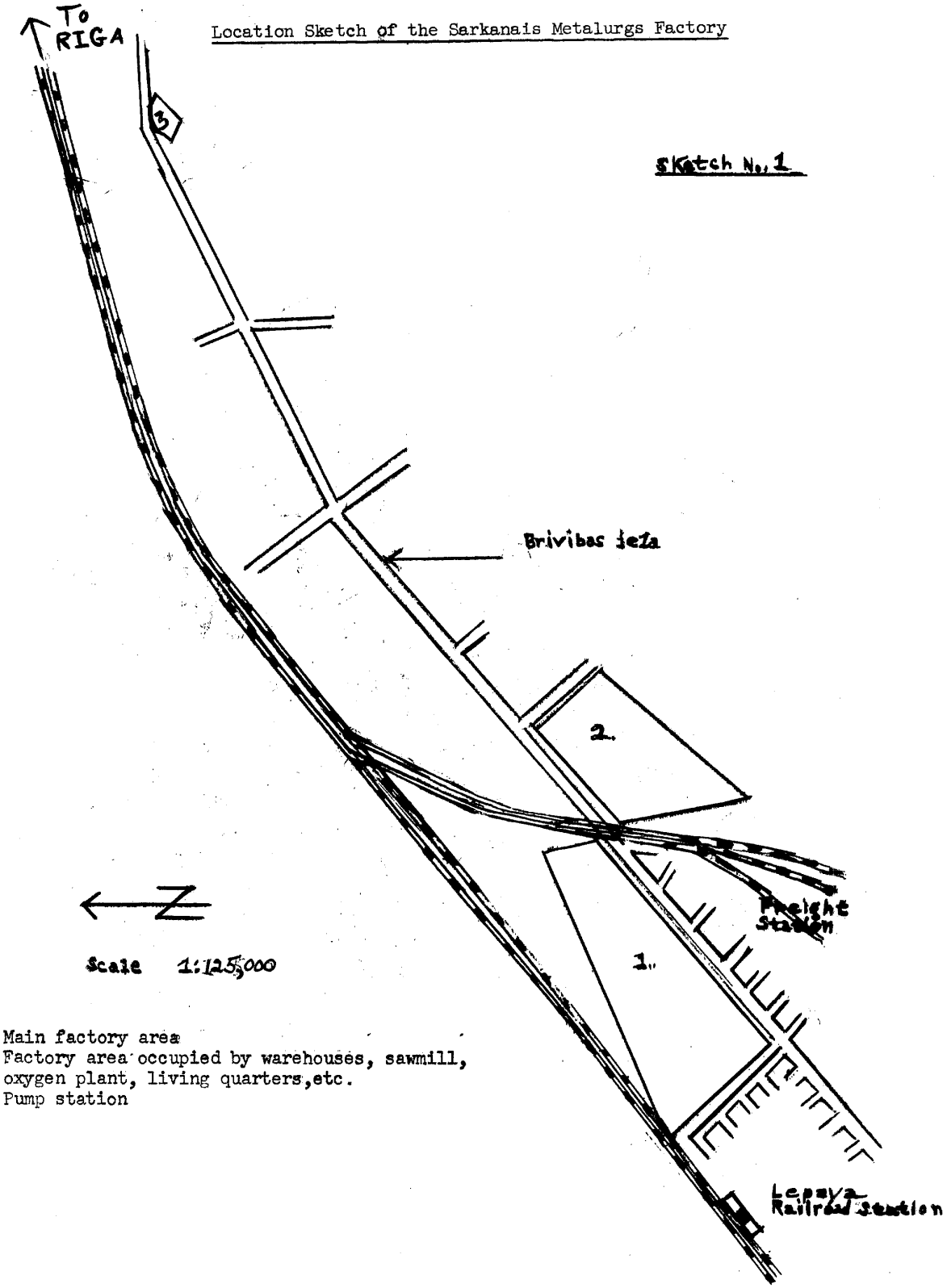
Location Sketch of the Sarkanais Metalurgs Factory



1. Main factory area
2. Factory area occupied by warehouses, sawmill, oxygen plant, living quarters, etc.
3. Pump station

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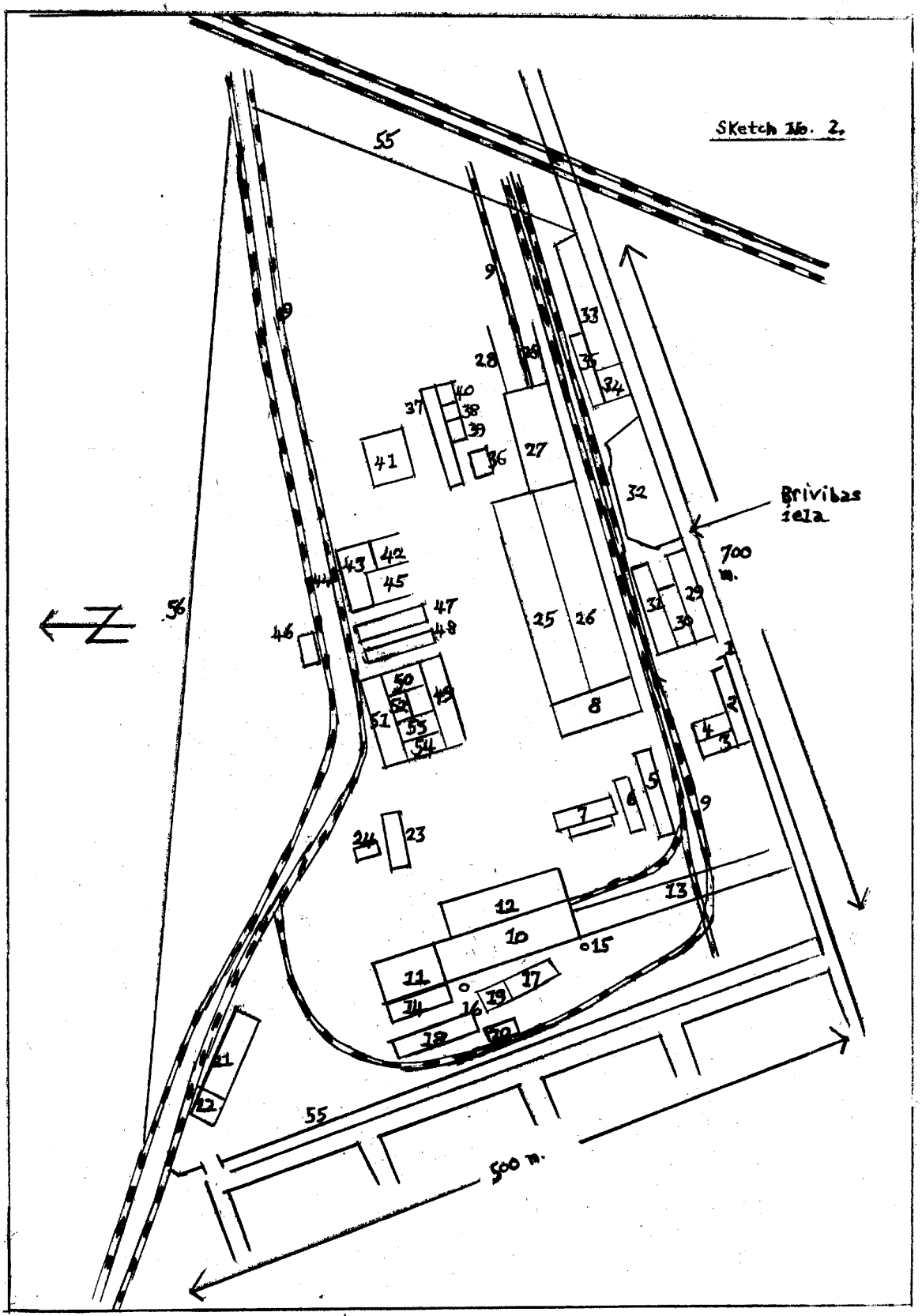
Main Factory Area



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9. Legend to Sketch No. 2

1. Gate
2. Two-story brick building: living quarters
3. Garage for fire brigade
4. Living quarters for fire brigade

   (3 and 4 are located in a single-story brick building)
5. One-story wooden shed
6. One-story wooden shed
7. One-story brick building: chain-making shop
8. Weighing machine
9. Broad-gauge railroad lines in factory territory
10. Big brick building, containing two Martin furnaces
11. Foundry
12. Extension to Martin furnace section
13. Rails on which two magnetic cranes run
14. Two-story brick building: ground floor - electric welding shop; first floor - cloak rooms
15. Chimney to Martin furnace No. 1
16. Chimney to Martin furnace No. 2

17 & 18. Two one-story brick buildings where fireproof bricks are stored

19. Building containing five generators producing gas from coal for Martin furnaces.
20. Boilerhouse producing steam for gas generators and for heating
21. One-story brick building: garage
22. Two-story brick building: ground floor - Garage; first floor - offices
23. One-story brick joiners workshop
24. One-story wooden building: stores for joiners' workshop
25. Brick building: rod extruding shop, employing hot process
26. Rolling-mill
27. Rolling-mill producing rails
28. Rails for cranes
29. Two-story brick building: main offices
30. Workshop producing files
31. Mechanical workshop where all repairs to plant machinery are carried out

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32. Area where several living houses are.

33. Large brick building: tin-rolling mill

34. Two-story brick building: offices and cloak-rooms

35. Transformer building. Power arrives at 6,000 volts and is stepped down to 3,000 volts.

36. One-story brick building. Electricians' workshop.

37. Brick building containing power plant and switches for the whole factory, except for building 33.

38. Transformer station where power arrives at 6,000 volts a.c. and stepped down to 3,000 volts d.c.

39. Transformer building where power is stepped down to 380 volts d.c. for the magnetic cranes in the Martin furnace shop.

40. Building containing transformer which supplies the switchboard: in case of sabotage at 38 and 39 the factory would have to stop work because the magnetic cranes would be out of action and the Martin furnaces also would be idle.

41. Reservoir where water for emergency is kept. The factory could continue work for approximately three hours on water supplied from there.

The main water supply of the factory water comes from its own pumping-station approximately two kms NE of the factory: see No. 3 on Sketch No. 1.

42. Pump station: should the main pump station not be able to give sufficient supplies this pump station regulates it from the reservoir.

43. Boiler house: connected with the boiler house at the Martin furnaces (20)

44. Coal store.

45. Boiler shop: the main activity is to repair the boilers for the Martin furnaces

46. Weighing machine for rail cars

47. Brick building: rolling-mill where ingots are prepared for Nos. 25 and 26.

48. Workshop where agricultural forks, spaces, anvils, etc. are made.

49. Workshop where wires arriving from No. 25 are processed in acid to remove the black surface and heated in steel pans to soften.

50. Wire-drawing shop

51. Nail-making shop and storeroom

52. Wire-drawing shop. In this workshop wires are pulled from one mm down to the finest.

53. Offices

54. Former workshop where galvanizing by mechanical process was carried out; now only a warehouse

55. Wooden fence

56. Wire fence

All buildings are connected by a trolley system, but the exact network is not known.

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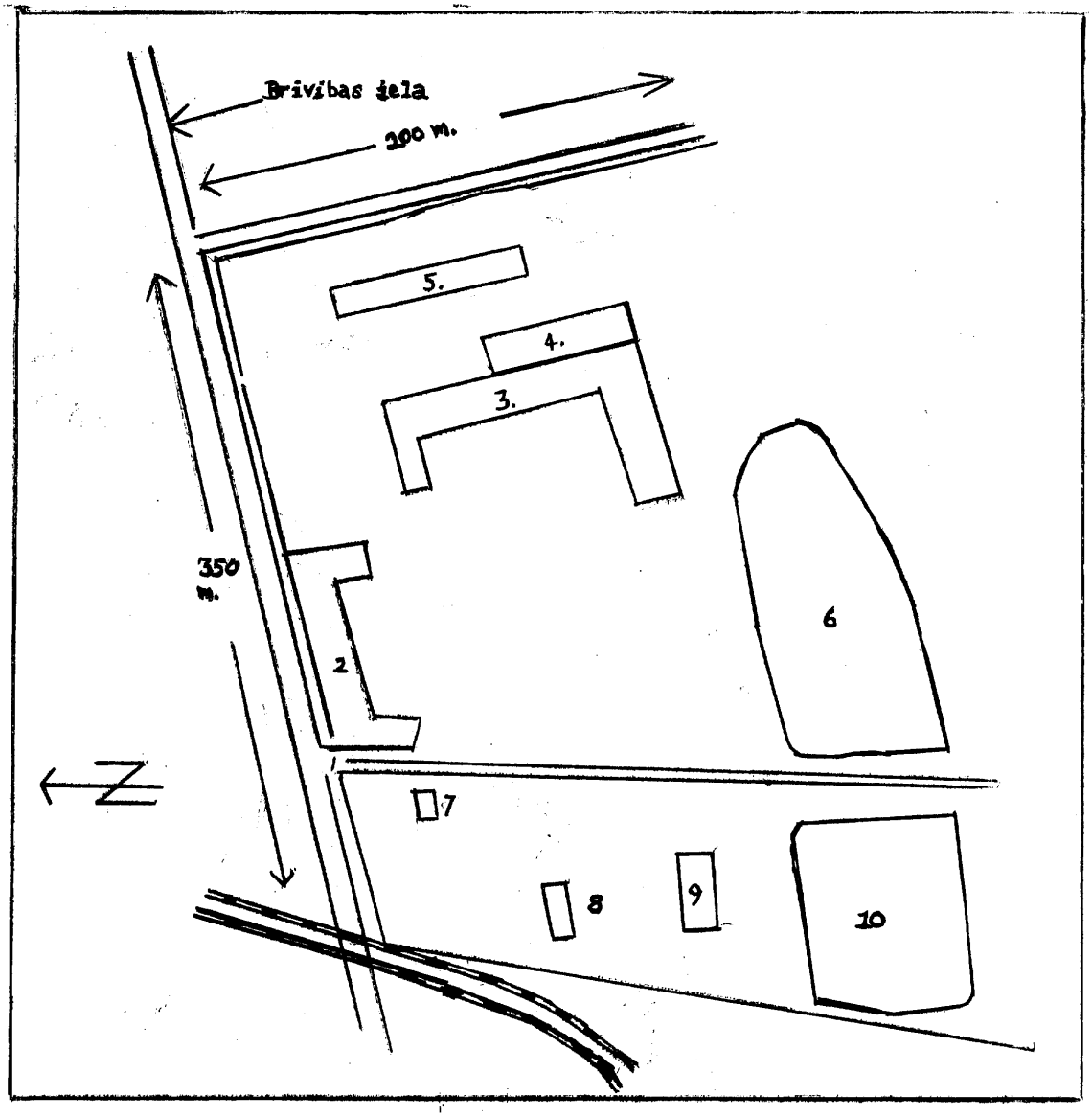
Warehouse Area

Sketch No. 3.



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Legend to Sketch No. 3

1. Gate

2. Two-story brick building: living quarters for Chief Engineer of the factory; kindergarten and day nursery for factory children. A large part of this building is not occupied.

3. Two-story brick building: Ground floor - kitchens and dining rooms for factory workers. Warehouse for fireproof bricks. Also workshop where wooden boxes for nails are manufactured.

4. One-story wooden building: saw-mill

5. Hothouse where vegetables and flowers for factory workers are grown

6. Area where firewood is kept

7. Single-story wooden building where factory guards are billeted

8. Wooden building: stables

9. Brick building where oxygen for factory use is produced. Oxygen plant in production since January 1953.

   New scrap iron dump under construction. The ground is being concreted and it is intended to install presses where scrap iron is pressed.

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